

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN MAY 2005

On a daily average basis in May 2005, estimated consumption of iron and steel scrap was down 6% and net receipts of purchased and home scrap were up 2% compared with those of April 2005, according to the U.S. Geological Survey. Production of home scrap was down 1% and stocks of purchased and home scrap at the end of the month were up 7% compared with those of April 2005. These observations are based upon responses from 56% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 48% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production was about the same as in April and consumption was down 1% compared with that of April 2005. Stocks of pig iron at month's end were down 9% compared with those of April 2005.

Exports of iron and steel scrap for the month of April 2005 decreased 5% from those of March 2005. China was the leading country of destination, accounting for 23% of the total tonnage of exports, followed by Canada with 17% and Mexico with 17% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 31% of the total, followed by Laredo, TX, with 12% and New York, NY, with 8% (table 7).

Imports of iron and steel scrap for April 2005 increased 37% compared with those of March 2005. Canada was the leading country of origin, accounting for 68% of the total tonnage of imports, followed by Sweden with 12% and United Kingdom with 9% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 37% of the total, followed by Charlestown, SC, with 29% and Seattle, WA, with 13% (table 10).

The daily average domestic raw steel production for May 2005, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 250,000 metric tons (t), down 6% from 265,000 t in April 2005 and down 7% from 268,000 t in May 2004 (table 12). The electric furnace portion of raw steel production for May 2005 was 56%, the same as in April 2005 and up from 55% in May 2004.

Raw steel capability utilization (AISI data) in May 2005 was 84%, down from 89% in April 2005 and down from 93% in May 2004 (table 12). Continuous cast steel production in the United States accounted for 96% of total raw steel production in May 2005, about the same as in April 2005 and down 1% from that in May 2004.

TABLE 1
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

	May 2005			Year to date ^p		
	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,190	2,550	3,740	5,560	12,000	17,500
Receipts from other own company plants	W	W	189	W	W	919
Production recirculating scrap	589	331	920	2,860	1,660	4,520
Production obsolete scrap	9	27	36	47	135	182
Consumption (by type of furnace):						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	1,050	W	W	5,120
Electric furnace	W	W	3,450	W	W	17,600
Other (including air furnace) ⁶	(5)	--	(5)	(5)	--	(5)
Total consumption	1,610	2,890	4,500	8,240	14,500	22,700
Shipments	118	17	135	562	59	621
Stocks end of month	2,430	2,160	4,590	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	427	91	518	2,140	758	2,900
Production	W	W	2,640	W	W	13,300
Consumption (by type of furnace):						
Basic oxygen process	W	W	3,130	W	W	15,700
Direct castings ⁷	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	3,010	118	3,130	15,100	611	15,700
Shipments	(8)	(8)	(8)	(8)	(8)	(8)
Stocks end of month	W	W	685	XX	XX	XX
Direct-reduced iron:⁹						
Receipts	69	49	118	556	188	744
Production	W	W	W	--	--	--
Total consumption	109	34	143	575	149	724
Shipments	--	--	--	--	--	--
Stocks end of month	203	78	281	XX	XX	XX

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable. -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings. May 2005 data are based on returns from 56% of monthly respondents, representing 48% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³Includes data for electric furnaces operated by integrated steel producers.

⁴Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁵Withheld to avoid disclosing company proprietary data; included in "Consumption: Basic oxygen process."

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Withheld to avoid disclosing company proprietary data.

⁹Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

TABLE 2
RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, CONSUMPTION, AND STOCKS OF IRON AND STEEL SCRAP, BY GRADE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Item	May 2005				Year to date ^p		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³	Ending stocks	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³
Carbon steel:							
Low-phosphorus plate and punchings	23	W	54	131	127	W	276
Cut structural and plate	357	53	381	312	1,750	275	2,000
No. 1 heavy melting steel	358	180	538	475	1,710	870	2,680
No. 2 heavy melting steel	525	32	504	482	2,390	156	2,550
No. 1 and electric furnace bundles	381	W	479	343	1,780	W	2,360
No. 2 and all other bundles	65	W	70	44	339	W	359
Electric furnace 1 foot and under (not bundles)	7	W	W	W	32	W	W
Railroad rails	29	W	35	29	135	W	154
Turnings and borings	160	3	170	84	762	21	861
Slag scrap	68	119	169	174	334	596	809
Shredded and fragmentized	875	W	874	678	3,820	W	4,560
No. 1 busheling	422	16	453	350	2,090	85	2,210
Steel cans (post consumer)	23	W	26	W	108	W	130
All other carbon steel scrap	131	143	280	288	649	692	1,370
Stainless steel scrap	52	19	82	32	304	93	445
Alloy steel scrap	11	41	51	33	53	218	261
Ingot mold and stool scrap	W	7	5	16	W	34	24
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	24	W	20	34	109	W	104
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	50	43	96	W	241	171	464
Other mixed scrap	180	37	202	643	820	185	1,020
Total	3,740	920	4,500	4,590	17,500	4,520	22,700

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings.

³Includes recirculating scrap and home-generated obsolete scrap.

TABLE 3
 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP,
 BY REGION AND STATE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Region and State	May 2005			Year to date ^p		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³
Mid-Atlantic and New England:						
New Jersey, New York, Pennsylvania	405	167	611	1,970	843	3,030
North Central:						
Illinois and Indiana	331	287	582	1,660	1,430	2,960
Iowa, Minnesota, Nebraska, Wisconsin	248	5	237	1,230	25	1,200
Michigan	146	60	123	775	296	670
Ohio	537	153	652	2,450	667	3,070
Total	1,260	504	1,600	6,120	2,420	7,890
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	237	57	284	988	286	1,430
Florida, Georgia, North Carolina, South Carolina	319	18	277	1,440	98	1,710
Total	556	75	560	2,430	385	3,140
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	488	47	535	2,380	249	2,710
Arkansas, Louisiana, Oklahoma, Texas	670	69	793	2,980	336	3,930
Total	1,160	116	1,330	5,360	584	6,630
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	360	58	406	1,670	289	2,000
Grand total	3,740	920	4,500	17,500	4,520	22,700

^pPreliminary.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings.

³Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4
RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3,4}

(Thousand metric tons)

Item	May 2005					Year to date ^p				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	14	4	W	2	2	71	22	W	23	8
Cut structural and plate	45	116	92	78	26	220	572	439	388	128
No. 1 heavy melting steel	40	109	38	147	24	203	524	179	711	90
No. 2 heavy melting steel	8	218	67	184	47	38	984	308	824	237
No. 1 and electric furnace bundles	49	237	16	75	5	181	1,180	81	307	27
No. 2 and all other bundles	7	30	4	17	8	37	152	29	85	36
Electric furnace 1 foot and under (not bundles)	--	--	--	7	--	--	(5)	--	31	--
Railroad rails	W	W	13	8	W	W	W	40	52	W
Turnings and borings	26	44	13	70	7	129	214	83	302	35
Slag scrap	18	23	7	18	W	92	113	38	87	W
Shredded and fragmentized	46	170	234	338	86	226	802	933	1,460	404
No. 1 busheling	54	183	26	157	2	256	884	102	833	11
Steel cans (post consumer)	4	W	W	W	W	19	W	W	W	W
All other carbon steel scrap	37	58	5	30	W	186	304	22	133	W
Stainless steel scrap	41	11	--	--	--	243	61	--	(5)	--
Alloy steel scrap	7	W	--	W	--	33	W	--	W	--
Ingot mold and stool scrap	(5)	--	--	--	--	(5)	--	--	--	--
Machinery and cupola cast iron	--	--	(5)	W	--	--	--	2	W	--
Cast iron borings	W	W	W	7	2	W	W	W	31	2
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	16	W	1	W	W	81	W	5	W
Other mixed scrap	W	W	4	18	W	W	W	17	73	W
Total	405	1,260	556	1,160	360	1,970	6,120	2,430	5,360	1,670

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Scrap received from brokers, dealers, and other outside sources.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴Data are rounded to no more than three significant digits; may not add to totals shown.

⁵Less than 1/2 unit.

TABLE 5
CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3}

(Thousand metric tons)

Item	May 2005					Year to date ^p				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	15	33	W	W	3	72	164	W	W	14
Cut structural and plate	66	115	98	77	24	333	577	562	405	122
No. 1 heavy melting steel	82	161	41	198	56	409	799	216	972	278
No. 2 heavy melting steel	14	177	66	198	48	72	923	357	958	242
No. 1 and electric furnace bundles	49	336	18	70	7	209	1,680	89	354	30
No. 2 and all other bundles	9	32	4	18	8	43	158	26	92	41
Electric furnace 1 foot and under (not bundles)	--	1	--	9	--	--	16	--	36	--
Railroad rails	W	W	13	11	W	23	W	37	60	W
Turnings and borings	29	55	12	64	10	152	269	81	317	41
Slag scrap	30	68	19	51	W	147	329	93	236	W
Shredded and fragmentized	80	162	180	363	88	393	786	1,140	1,810	431
No. 1 busheling	63	182	23	182	3	285	874	107	930	16
Steel cans (post consumer)	6	W	W	W	W	28	W	W	W	W
All other carbon steel scrap	65	121	39	52	W	324	562	194	275	W
Stainless steel scrap	60	22	--	--	--	338	106	--	(4)	--
Alloy steel scrap	17	32	--	W	--	84	166	--	W	--
Ingot mold and stool scrap	3	1	--	1	--	17	5	--	2	--
Machinery and cupola cast iron	--	--	(4)	W	--	--	--	--	W	--
Cast iron borings	W	W	W	6	1	W	W	W	31	1
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	41	W	3	W	W	188	W	14	W
Other mixed scrap	W	28	5	16	W	W	149	23	87	W
Total	611	1,600	560	1,330	406	3,030	7,890	3,140	6,630	2,000

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴Less than 1/2 unit.

TABLE 6
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY^{1,2}

(Thousand metric tons and thousand dollars)

Region and country	April 2005		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Barbados	(3)	33	(3)	33
Brazil	3	491	10	2,080
Canada	160	25,900	536	91,700
Chile	(3)	5	(3)	27
Colombia	(3)	13	1	232
Jamaica	(3)	10	(3)	61
Mexico	155	30,500	440	96,900
Suriname	(3)	88	1	173
Trinidad and Tobago	(3)	9	1	249
Turks and Caicos Islands	1	57	1	127
Venezuela	1	233	2	424
Other	1	3	34	7,850
Total	320	57,300	1,030	200,000
Africa, Europe, Middle East:				
Belgium	(3)	236	6	1,210
Egypt	--	--	23	6,080
France	(3)	47	(3)	387
Finland	13	20,300	26	39,300
Germany	(3)	494	2	938
Greece	2	216	2	216
Hungary	(3)	21	(3)	68
Ireland	(3)	19	1	394
Italy	37	9,630	37	9,740
Kenya	6	1,490	23	5,460
Netherlands	(3)	597	5	2,790
New Caledonia	1	144	1	144
Qatar	(3)	4	31	6,550
Saudi Arabia	32	7,190	32	7,210
Sweden	(3)	503	2	1,960
Tunisia	(3)	127	(3)	130
Turkey	30	6,260	447	96,300
United Arab Emirates	(3)	93	(3)	115
United Kingdom	(3)	128	4	1,660
Other	2	11	5	962
Total	124	47,600	647	182,000
Asia, Australia, Oceania:				
Bangladesh	2	611	8	1,790
China	210	77,400	969	342,000
Hong Kong	3	2,560	13	9,290
India	63	20,100	241	74,200
Indonesia	9	2,570	101	24,300
Japan	3	2,420	8	7,910
Korea, Republic of	121	37,300	344	105,000
Malaysia	37	8,760	179	43,500
Pakistan	(3)	71	1	386
Taiwan	11	11,700	94	52,500
Thailand	14	2,040	226	50,800
Vietnam	1	263	3	830
Other	(3)	16	36	991
Total	475	166,000	2,220	714,000
Grand total	919	271,000	3,900	1,100,000

-- Zero.

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free alongside ship basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

TABLE 7
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION
AND SELECTED CUSTOMS DISTRICT^{1,2,3}

(Thousand metric tons and thousand dollars)

Region and customs district	April 2005		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	22	5,190	50	14,400
Chicago, IL	(4)	134	1	735
Detroit, MI	34	7,160	128	27,700
Duluth, MN	2	308	7	1,970
Great Falls, MT	2	360	11	1,860
Ogdensburg, NY	9	2,010	26	5,640
Pembina, ND	55	7,310	190	30,900
Other ⁵	(4)	64	1	174
Total	125	22,500	415	83,300
East Coast:				
Baltimore, MD	3	1,600	17	6,070
Boston, MA	20	5,750	199	50,200
Charleston, SC	6	3,460	20	11,500
Miami, FL	5	3,470	18	11,000
New York, NY	76	30,800	643	183,000
Norfolk, VA	10	5,650	40	17,900
Philadelphia, PA	68	14,700	208	46,600
Portland, ME	27	7,850	76	20,300
Savannah, GA	5	3,600	17	11,600
St. Albans, VT	8	1,720	19	4,210
Wilmington, NC	3	814	8	2,410
Other ⁵	27	2,380	105	8,840
Total	258	81,800	1,370	374,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
Houston-Galveston, TX	6	4,740	34	25,200
Laredo, TX	110	22,100	223	48,000
New Orleans, LA	8	11,600	131	45,500
Nogales, AZ	(4)	6	(4)	92
San Juan, PR	1	347	12	2,950
Tampa, FL	1	216	35	8,330
Other	(4)	11	3	3,750
Total	126	39,000	438	134,000
West Coast and Hawaii:				
Columbia-Snake, OR	32	8,990	159	41,000
Honolulu, HI and Anchorage, AK	1	558	78	18,800
Los Angeles, CA	282	87,000	843	269,000
San Diego, CA	18	2,530	43	6,620
San Francisco, CA	59	20,100	343	101,000
Seattle, WA	18	8,200	206	68,500
Total	410	127,000	1,670	505,000
Grand total	919	271,000	3,900	1,100,000

¹Re-export activity for April 2005 amounted to 6,300 metric tons valued at \$1,090,000.

²Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free alongside ship basis.

³Data are rounded to no more than three significant digits; may not add to totals shown.

⁴Less than 1/2 unit.

⁵Includes Code 70, which is for low-valued exports from the United States to Canada.

Source: U.S. Census Bureau.

TABLE 8
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	April 2005		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	208	41,700	912	194,000
No. 2 heavy melting steel	16	3,330	130	26,400
No. 1 bundles	27	3,420	116	11,500
No. 2 bundles	29	6,780	33	7,510
Shredded steel scrap	151	35,400	1,220	290,000
Borings, shovelings and turnings	17	1,950	66	8,310
Cut plate and structural	12	2,800	99	24,000
Tinned iron or steel	6	1,940	18	5,340
Remelting scrap ingots	(3)	230	2	1,490
Cast iron	175	31,900	385	77,400
Other iron and steel	78	25,200	356	98,800
Total carbon steel and cast iron	720	155,000	3,340	745,000
Stainless steel	76	77,500	214	224,000
Other alloy steel	123	38,500	347	126,000
Total stainless and alloy steel	199	116,000	561	350,000
Total carbon, stainless, alloy steel and cast iron	919	271,000	3,900	1,100,000
Ships, boats, and other vessels for breaking up (for scrapping)	2	290	2	303
Used rails for rerolling and other uses	3	1,330	11	6,310
Total scrap exports	924	272,000	3,910	1,100,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	44	6	2,120
Pig iron > 0.5% phosphorus	--	--	21	1,850
Alloy pig iron	1	96	3	292
Total pig iron	1	140	30	4,260
Direct-reduced iron (DRI)	(3)	7	(3)	16
Spongy iron products, not DRI	(3)	92	1	915
Granules for abrasive cleaning and other uses	2	1,900	8	6,510
Powders of alloy steel	2	2,420	6	9,250
Other ferrous powders	4	6,730	16	25,300
Total DRI, granules, powders	9	11,100	32	42,000
Grand total	934	284,000	3,970	1,150,000

-- Zero.

¹Export valuation is on a free alongside ship basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED COUNTRY^{1,2}

(Thousand metric tons and thousand dollars)

Country	April 2005		Year to date	
	Quantity	Value	Quantity	Value
Argentina	(3)	86	(3)	201
Bahamas, The	(3)	38	1	153
Canada	248	56,500	858	213,000
China	(3)	17	(3)	75
Dominican Republic	(3)	3	13	2,680
El Salvador	(3)	6	(3)	65
Germany	(3)	6	1	48
Guatemala	(3)	48	(3)	223
Japan	(3)	5	(3)	228
Korea, Republic of	(3)	14	(3)	14
Mexico	12	4,750	47	18,900
Netherlands	30	10,700	96	37,800
Russia	--	--	35	10,400
Singapore	(3)	12	(3)	14
Sweden	44	12,300	91	26,400
Trinidad and Tobago	(3)	71	1	607
United Kingdom	31	9,520	133	39,300
Other	1	11	7	1,660
Total	366	94,100	1,280	352,000

-- Zero.

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 10
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED CUSTOMS DISTRICT^{1,2}

(Thousand metric tons and thousand dollars)

Customs district	April 2005		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	48	17,700	164	68,500
Charleston, SC	106	32,600	348	111,000
Detroit, MI	135	27,100	445	100,000
Duluth, MN	7	1,790	16	4,330
Great Falls, MT	2	893	5	4,470
Galveston, TX	2	372	3	647
Laredo, TX	4	2,240	15	9,300
Pembina, ND	6	1,870	18	6,740
San Diego, CA	3	898	11	3,000
Seattle, WA	49	6,630	177	22,500
Other	4	2,050	81	20,800
Total	366	94,100	1,280	352,000

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 11
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER
FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	April 2005		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	6	788	17	2,340
No. 2 heavy melting steel	5	742	14	2,410
No. 1 bundles	95	27,400	306	92,600
No. 2 bundles	--	--	7	2,720
Shredded steel scrap	76	18,400	329	79,300
Borings, shovelings and turnings	10	840	28	2,570
Cut plate and structural	14	2,040	42	6,720
Tinned iron or steel	2	331	6	961
Remelting scrap ingots	(3)	5	1	250
Cast iron	42	7,760	99	19,800
Other iron and steel	70	15,000	281	64,500
Total carbon steel and cast iron	319	73,300	1,130	274,000
Stainless steel	14	13,200	46	52,800
Other alloy steel	33	7,670	108	24,600
Total stainless and alloy steel	48	20,900	154	77,400
Total carbon, stainless, alloy steel and cast iron	366	94,100	1,280	352,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	1	739	36	9,290
Total scrap imports	368	94,900	1,320	361,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	600	183,000	2,880	793,000
Pig iron > 0.5% phosphorus	--	--	22	9,440
Alloy pig iron	--	--	--	--
Total pig iron	600	183,000	2,900	803,000
Direct-reduced iron (DRI)	184	37,000	795	166,000
Spongy iron products, not DRI	29	8,070	194	60,500
Granules for abrasive cleaning and other uses	1	1,030	5	4,050
Powders of alloy steel	5	6,280	19	24,500
Other ferrous powders	7	6,610	52	26,200
Total DRI, granules, powders	226	59,000	1,070	282,000
Grand total	1,190	337,000	5,290	1,450,000

-- Zero.

¹Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 12
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,
AND CONTINUOUS CAST STEEL PRODUCTION¹

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date ²	Monthly	Year to date	Monthly	Year to date
2004:						
May	8,310	40,200	92.9	91.5	97.7	97.1
June	8,170	48,300	94.4	91.9	96.8	97.0
July	8,310	57,100	93.5	92.7	97.4	97.1
August	8,450	65,600	95.0	93.0	94.4	96.3
September	8,380	74,000	97.3	93.5	97.3	97.1
October	8,660	82,600	97.5	93.9	95.9	96.0
November	8,160	90,700	94.8	93.9	97.2	97.2
December	8,130	98,900	91.5	93.8	96.7	97.1
2005:						
January	8,280	8,280	90.9	90.9	96.6	96.6
February	7,640	15,900	92.9	91.9	96.7	96.7
March	8,190	24,100	88.4	89.7	96.7	96.7
April	7,950	32,000	89.2	89.5	96.7	96.7
May	7,750	39,800	84.2	88.4	96.4	96.6

¹Data are rounded to no more than three significant digits.

²Year-to-date may include revisions for previous months.

Source: American Iron and Steel Institute.

TABLE 13
COMPOSITE PRICES FOR NO. 1 HEAVY MELTING STEEL SCRAP AND PIG IRON

Period	American Metal Market No. 1 HMS		Iron Age No. 1 HMS		Iron Age Pig Iron ¹	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2004:						
January	177.47	174.67	179.84	176.99	240.78	236.98
February	224.09	220.55	222.50	218.99	240.78	236.98
March	250.05	246.10	238.13	234.37	341.90	336.50
April	208.76	205.46	201.33	198.15	344.19	338.75
May	170.55	167.86	161.25	158.70	332.76	327.50
June	165.00	162.39	160.33	157.80	300.24	295.50
July	215.30	211.90	214.96	211.56	328.18	323.00
August	240.38	236.58	225.96	222.40	398.80	392.50
September	205.17	201.93	198.78	195.64	353.08	347.50
October	237.37	233.62	235.83	232.11	372.13	366.25
November	251.67	247.70	250.67	246.71	390.67	384.50
December	218.38	214.93	209.39	206.08	370.86	365.00
Average	213.68	210.31	208.25	204.96	334.53	329.25
2005:						
January	205.02	201.78	197.67	194.54	337.84	332.50
February	199.32	196.17	193.59	190.53	317.52	312.50
March	197.81	194.69	196.17	193.07	320.04	314.99
April	217.64	214.20	213.54	210.17	327.66	322.49
May	180.19	177.34	174.30	171.55	327.66	322.49

¹Prices are Brazilian basic pig iron, F.O.B. New Orleans, LA.

Note: Long tons = lt; metric tons = t.